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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	10/617,321
Filing Date	07/10/2003
First Named Inventor	Choi et al.
Group Art Unit	2834
Examiner Name	Dougherty, Thomas M.
Attorney Docket Number	PA88-30D09

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	B1	4,070,116		Frosch et al.	01-24-1978	
	B2	4,600,309		Fay	07-15-1986	
	B3	4,848,911		Uchida et al.	07-18-1989	
	B4	5,074,667		Miyatake	12-24-1991	
	B5	5,148,036		Matsugu et al.	09-15-1992	
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	B7	5,151,754		Ishibashi et al.	09-29-1992	
	B8	5,179,863		Uchida et al.	01-19-1993	
	B9	5,376,810		Hoenk et al.	12-27-1994	
	B10	5,424,549		Feldman	06-13-1995	
	B11	5,670,415		Rust	09-23-1997	
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	B16	6,150,680		Eastman et al.	11-21-2000	
	B17	6,326,627	B1	Putvinski et al.	12-04-2001	
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	B33	5,439,766		Day et al.	08-08-1995	
	B34	5,431,777		Austin et al.	07-11-1995	

Examiner Signature

Thomas M. Dougherty

Date

Considered

2-3-05

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Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> (use as many sheets as necessary)				Complete if Known	
		Application Number	10/617,321		
		Filing Date	07/10/2003		
		First Named Inventor	Choi et al.		
		Group Art Unit	2834		
		Examiner Name	Dougherty, Thomas M.		
		Attorney Docket Number	PA88-30D09		
Sheet	2	of	7		

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	B35	5,422,295		Choi et al.	06-06-1995	
	B36	5,421,981		Leader et al.	06-06-1995	
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	B38	5,380,474		Rye et al.	01-10-1995	
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	B45	5,240,878		Fitzsimmons et al.	08-31-1993	
	B46	5,108,875		Thackeray et al.	04-28-1992	
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Examiner Signature	<i>Thomas M. Dougherty</i>				Date Considered	2-3-09

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				Filing Date	07/10/2003
				First Named Inventor	Choi et al.
				Group Art Unit	2834
				Examiner Name	Dougherty, Thomas M.
Sheet	3	of	7	Attorney Docket Number	PA88-30D09

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		Number	Kind Code ² (if known)			
	B69	4,999,280		Hiraoka	03-12-1991	
	B70	5,071,694		Uekita et al.	12-10-1991	
	B71	5,169,494		Hashimoto et al.	12-08-1992	
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	B74	5,234,793		Sebald et al.	08-10-1993	
	B75	5,314,772		Kozicki et al.	05-24-1994	
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	B77	5,654,238		Cronin et al.	08-05-1997	
	B78	5,700,626		Lee et al.	12-23-1997	
	B79	5,736,424		Prybyla et al.	04-07-1998	
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	B97	6,561,706	B2	Singh et al.	05-13-2003	
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	B101	6,632,742	B2	Yang et al.	10-14-2003	
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Examiner Signature	<i>Thomas M. Dougherty</i>				Date Considered	2-3-05

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Sheet	4	of	7
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Sheet

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FOREIGN PATENT DOCUMENTS

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Signature**

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		Filing Date	07/10/2003		
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		Group Art Unit	2834		
		Examiner Name	Dougherty, Thomas M.		
Sheet	6	of	7	Attorney Docket Number	PA88-30D09

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B119	Abstract of Japanese Patent 63-138730	
	B120	Abstract of Japanese Patent 55-88332	
	B121	Abstract of Japanese Patent 57-7931	
	B122	Abstract of Japanese Patent 02-92603.	
	B123	Translation of Japanese Patent 02-92603.	
	B124	Abstract of Japanese Patent 02-24848.	
	B125	Translation of Japanese Patent 02-24848.	
	B126	HEIDARI et al., "Nanoimprint Lithography at the 6 in. Wafer Scale," Journal of Vacuum Science Technology, Nov/Dec 2000, pp. 3557-3560, vol. B, no. 18(6)/	
	B127	NERAC.COM Retro Search, "Reduction of Dimension of Contact Holes", August 31, 2004	
	B128	NERAC.COM Retro Search, "Trim Etching of Features Formed on an Organic Layer", September 2, 2004	
	B129	NERAC.COM Retro Search, "Multi-Layer Resists", September 2, 2004	

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	B130	HU et al., "Flourescence Probe Techniques (FPT) for Measuring the Relative Efficiencies of Free-Radical Photoinitiators", s0024-9297(97)01390-9; "Macromolecules" 1998, vol. 31, no.13, pp. 4107-4113, 1998 American Chemical Society. Published on Web 05/29/1998	
	B131	FEYNMAN, Richard P., "There's Plenty of Room at the Bottom—An Invitation to Enter a New Field of Physics," 12 pp [online]Retreived 9/23/04 from URI:http://www.zyvex.com/nanotech/feynman.html.	
	B132	CIBA SPECIALTY CHEMICALS BUSINESS LINE COATINGS, "What is UV Curing?", 45 pp [online]Retreived 9/24/04 from URL:http://www.cibasc.com/image.asp?id=4040.	

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